## 1-Wire Pi Zero +3.3V +5V CON4 +5V 3.3 V 5V <sup>2</sup> GPIO 0 (I2C0\_SDA) 3 JUMPER 5V 4 GPIO 1 (I2CØ\_SCL) 5 GND 6 A2 +5V GND 9 GPIO 15 (UARTØ\_RXD) GPIO 17 GPIO 18 GPIO 21 GPIO 21 GPIO 22 GPIO 23 GPIO 23 GPIO 24 GPIO 24 GPIO 24 GPIO 25 GPIO 25 GPIO 26 GPIO 27 GPIO 27 GPIO 29 GPIO 20 i2c level converter U1 +5V Vcc U2 R1 AD0 √√\^² IN+ OUT+ AD1 +3.3V 100R IN- OUT-CON1 SCL PCTLZ 2K2 2K2 DS9503 +5V SDA SDA OND SE C1 100nF GPIO 10 (SPI0\_MOSI) 19 SCL GND GND 20 GND 26 CND 28 CND 29 CND 28 CND 29 CND 25 CND 25 CND 26 CND 26 CND 26 CND 26 CND 25 CND 26 CN U3 DS2482S-100 Return SCL CON2 R3.2 +5V <u>2</u>√√√√ GND 5 10K Return R3.1 <u> 1</u>√√√ +3.3V \( \frac{5}{2} \frac{5}{ GND 30 10K GPIO 6 31 SDA GPIO 12 32 CON3 FDC6301N GPIO 13 33 +5V 5V TO GND GND 34 SDA GPIO 19 35 GPIO 16 GPIO 26 GPIO 20 38 GPIO 20 30 GPIO 20 30 GPIO 20 GP RT : Wire WO GPIO 20 39 39 40 □ SDA 💳